

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16046	((438/624) or (438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/634) or (438/636) or (438/637) or (438/638) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/666) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/20 12:21
L2	206	1 and ((resist or photoresist) near5 plug)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 12:22
L3	96	2 and (etch\$3 adj stop\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 12:22
L4	16	3 and (BARC or ARC or (anti adj2 refelct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 12:27
L5	11	4 and cap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 12:27
S1	11675	((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/20 12:20

S2	5058	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:01
S3	0	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:02
S4	735	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:02

S5	501	(((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:02
S6	195	(((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:03
S7	174	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 23:11

S8	17	(((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 (stop\$4 or anti))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:05
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S9	0	((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 stop\$4)) not ((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 (stop\$4 or anti)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:05
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S10	17	(((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 stop\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:10
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S11	174	((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner (((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 stop\$4)) not (((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 (stop\$4 or anti)))) (copper or cu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:11
Search History 4/20/05 1:05:37 PM Page 7 C:\Documents and Settings\Gurley\My Documents\FAST\Workspaces\10808802.wsp						

S12	28	(((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 near10 (copper or cu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:26
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S13	27	((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 near10 (copper or cu))) not (((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 stop\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:20
S14	3	(("6492266") or ("6528409") or ("6599827")).PN	USPAT; USOCR	OR	OFF	2004/07/23 22:20

S15	43	(((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (cap\$4 near10 (copper or cu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:27
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S18	12	(((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (cap\$4 near10 (copper or cu))) not ((((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 near10 (copper or cu))) not ((((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (plasma same treat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:45
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S19	12	((((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (cap\$4 near10 (copper or cu))) not (((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 near10 (copper or cu))) not (((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (polish near10 stop\$4))) and (plasma same treat\$4)) and	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:45
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S22	601	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (damascene or trench)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 23:11
S23	454	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (damascene or trench)) and ((remov\$3 or polish\$3 or planariz\$3) near5 (insulat\$3 or dielectric))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 23:13
S24	10	(((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (damascene or trench)) and ((remov\$3 or polish\$3 or planariz\$3) near5 (insulat\$3 or dielectric))) and ((taper\$3 or round\$3) near5 (insulat\$3 or dielectric))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/31 00:16

S25	2	(("6211035") or ("6211063")).PN.	USPAT; USOCR	OR	OFF	2004/07/31 00:16
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